

Table 2-H-15
Sacramento to Bakersfield – High-Speed Train Station Evaluation Matrix
Tulare to Bakersfield Stations

Station = Station Carried Forward

Station = Station Eliminated

Primary or Secondary Reason for Elimination

Evaluation Criteria	Visalia Airport	Hanford	Tulare Airport	Tulare East	Tulare West
<i>Maximize Ridership/Revenue Potential.</i>					
Travel Time	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Length	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Population/Employment Catchment			Ranking Relative to the other Tulare County Station Options		
	3	2	2	2	3
<i>Maximize Connectivity and Accessibility.</i>					
Intermodal Connections	<ul style="list-style-type: none"> • Outlying location. • Freeway access: SR 99 and SR 198 adjacent. • Street access: local streets off freeway to airport. • Parking adequate at shared airport sites. • Transit: bus only. • Other rail: none. 	<ul style="list-style-type: none"> • Suburban location in settled community. • Freeway access: SR 198 ca ½ mile. • Street access: Local city streets. • Parking: limited at site. • Transit: local Hanford transit good, long access routes from Visalia and other cities. • Other rail: Amtrak connection. 	<ul style="list-style-type: none"> • Outlying location. • Freeway access: SR 99 adjacent. • Street access: local streets off freeway to airport. • Parking adequate at shared airport sites. • Transit: none. • Other rail: none. 	<ul style="list-style-type: none"> • Exurban site. • Freeway access: close to conceptual SR 65 Freeway in future. • Arterial access via SR 198. • No transit access. 	<ul style="list-style-type: none"> • Suburban location. • Freeway access: somewhat distant from SR 99. • Arterial access from SR 198. • No transit access. <p>Ranking Relative to the other Tulare County Station Options</p>
	4	3	2	2	3
<i>Minimize Operating and Capital Costs.</i>					
Length	Not Applicable	Not Applicable	Not Applicable	Not Applicable	

Evaluation Criteria	Visalia Airport	Hanford	Tulare Airport	Tulare East	Tulare West
Operational Issues	Compatibility with UP freight	Compatibility with BNSF freight	Compatibility with UP freight	New greenfields site. No major issues, except distance from urban areas.	New greenfields site. No major issues.
	4	4	4	4	4
Construction Issues	Open site. Some flooding issues possible.	Interaction with freight railroads and Amtrak station operations.	Open site.	New greenfields site. No major issues.	New greenfields site. No major issues.
	4	3	4	4	5
Capital Cost	Low	Low.	Low	Low	Low
	4	4	4	4	4
Right-of-Way Issues/Cost	City of Visalia owns land on both sides of freeway in vicinity of airport.	RR right-of-way and adjacent uses.	Moderate.	Open agricultural land on new alignment of freeway.	New greenfields site on open agricultural land.
	4	3	3	5	5
<i>Maximize Compatibility with Existing and Planned Development.</i>					
Land Use Compatibility and Conflicts					
Percent of Conflicting Existing Land Uses (Residences, Institutions, Recreational Areas, and Open Space) within Station Area	34.54	67.18	25.85	6.59	3.99
Primary Land Uses (acreage) within station area	Farmlands/Agriculture (171); Open Space (63); Recreational (67); Transportation (133)	Commercial (94); Institutional (103); Office (56); Residential (235)	Farmlands/Agriculture (213); Industrial (144); Institutional (56); Residential (48)	Farmlands/Agriculture (468)	Farmlands/Agriculture (479)
	4	1	2	3	3
Visual Quality Impacts					
Percent of Visually Sensitive Existing Land Uses (Residential, Institutional, Recreational Areas, and Open Space)	34.54	67.18	25.85	6.59	3.99
Number of scenic corridor and scenic river crossings	0	0	0	1	0

Evaluation Criteria	Visalia Airport	Hanford	Tulare Airport	Tulare East	Tulare West
	3	1	3	3	5
<i>Minimize Impacts on Natural Resources.</i>					
Water Resources Impacts					
Number of Natural Stream	1	0	0	2	1
Number of Wetland Crossings	2	0	1	3	3
Total Acreage of Wetlands within Station Area	1.22	0	1.01	16.47	3.21
	3	5	4	1	2
Floodplain Impacts					
Number of FEMA Floodplain Crossings	2	0	1	1	1
Total Acreage of FEMA Floodplain Crossings within Station Area	387.21	0	146.13	351.98	131.13
	1	5	3	1	3
Threatened & Endangered Species Impacts					
Count of Species	0	0	1	3	4
Acreage of Sensitive Habitat within Station Area	0	0	0	329.7	0
	5	5	3	1	2
<i>Minimize Impacts on Social and Economic Resources.</i>					
Environmental Justice Impacts (Demographics)					
Minority Within 1,400' Buffer – 1990 Population	0	0	0	0	728
Low Income Within 1,400' Buffer – 1990 Households	0	0	0	0	0
	5	5	5	5	1

Evaluation Criteria	Visalia Airport	Hanford	Tulare Airport	Tulare East	Tulare West
Farmland Impacts					
Total Acreage of Important Farmlands Within Station Area (Prime, Unique, and Statewide Importance)	0	0	0	0	0
	5	5	5	5	5
<i>Minimize Impacts on Cultural Resources.</i>					
Cultural Resources Impacts					
Number of National Register Resources Within Station Area	0	0	0	0	0
	5	5	5	5	5
Parks & Recreation/Wildlife Refuge Impacts					
Total Acreage Parks/Recreation Areas in Station Area	0	0	1	1	0
Count of Parks/Recreation Areas	0	0	0.37	109.47	0
	5	5	4	1	5
<i>Maximize Avoidance of Areas with Geologic and Soils Constraints.</i>					
Soils/Slope Constraints					
Not a Distinguishing Factor					

Evaluation Criteria	Visalia Airport	Hanford	Tulare Airport	Tulare East	Tulare West
Seismic Constraints					
Not a Distinguishing Factor					
<i>Maximize Avoidance of Areas with Potential Hazardous Materials.</i>					
Hazardous Materials/Waste Constraints					
Not a Distinguishing Factor					

1 2 3 4 5

Least Favorable

Most Favorable